

REMARKS

This is a full and timely response to the non-final Official Action mailed **August 2, 2004**. Reconsideration of the application in light of the above amendments and the following remarks is respectfully requested.

By the forgoing amendment, various claims have been amended. Additionally, numbering errors in the claims have been corrected. Please note that there were 46 claims originally filed.

In the present amendment, new claims 47-65 have been added, and original claims 7, 11, 14 and 16-46 have been cancelled. Thus, claims 1-6, 8-10, 12, 13, 15 and 47-65 are currently pending for the Examiner's consideration.

The sole issue raised in the outstanding Office Action was a rejection of all the original claims as unpatentable under 35 U.S.C. § 103(a) over the teachings of U.S. Patent Application Publication No. US 2004/01007700 to Chu et al. ("Chu"). For at least the following reasons, this rejection is respectfully traversed.

Claim 1 now recites:

An electronic device cooling apparatus, comprising:
a heat exchange unit configured to deliver cooled air through a cool air conduit to a plurality of cooling interfaces in said cool air conduit; and
said plurality of cooling interfaces each disposed at a heat-transfer interface of an electronic device and delivering said cooled air to said heat-transfer interface of said electronic device.

In contrast, Chu fails to teach or suggest a cooling apparatus in which cooled air is delivered through a conduit to the heat-transfer interface of an electronic device. Chu only teaches systems in which water (41) is circulated to cool electronics (12).

"To establish prima facie obviousness of a claimed invention, all the claim limitations

must be taught or suggested by the prior art. *In re Royka*, 490 F.2d 981, 180 USPQ 580 (CCPA 1974)." M.P.E.P. § 2143.03. Accord. M.P.E.P. § 706.02(j). Consequently, the rejection of claim 1 and its dependent claims based on Chu should now be reconsidered and withdrawn.

Dependent claim 6 recites: "The apparatus of claim 1, wherein said heat exchange unit is further configured to deliver a liquid coolant to cooling coils disposed in at least some of said cooling interfaces." Thus, claim 6 recites an apparatus in which both cooled air and a liquid coolant are used to cool an electronic device.

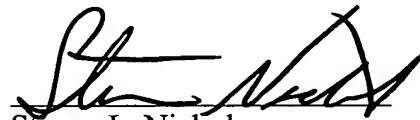
In contrast, Chu does not teach or suggest such a combination. Again, "[t]o establish prima facie obviousness of a claimed invention, all the claim limitations must be taught or suggested by the prior art. *In re Royka*, 490 F.2d 981, 180 USPQ 580 (CCPA 1974)." M.P.E.P. § 2143.03. Accord. M.P.E.P. § 706.02(j). Consequently, the rejection of claim 6 based on Chu should now be reconsidered and withdrawn.

The newly added claims are also thought to recite subject matter that is patentable over the prior art of record. Specifically, the newly added claims are patentable over the prior art of record for at least the same reasons as given above with respect to claims 1 and 6. Therefore, examination and allowance of the newly added claims is respectfully requested.

For the foregoing reasons, the present application is thought to be clearly in condition for allowance. Accordingly, favorable reconsideration of the application in light of these remarks is courteously solicited. If the Examiner has any comments or suggestions which could place this application in even better form, the Examiner is requested to telephone the undersigned attorney at the number listed below.

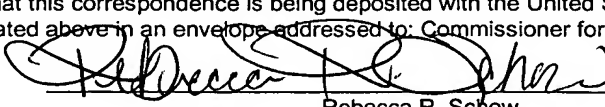
Respectfully submitted,

DATE: 29 October 2004


Steven L. Nichols
Registration No. 40,326

Steven L. Nichols, Esq.
Managing Partner, Utah Office
Rader Fishman & Grauer PLLC
River Park Corporate Center One
10653 S. River Front Parkway, Suite 150
South Jordan, Utah 84095

(801) 572-8066
(801) 572-7666 (fax)

CERTIFICATE OF MAILING	
DATE OF DEPOSIT:	<u>October 29, 2004</u>
I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail on the date indicated above in an envelope addressed to: Commissioner for Patents, Alexandria, VA 22313-1450.	
 Rebecca R. Schow	